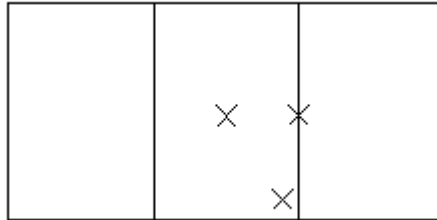


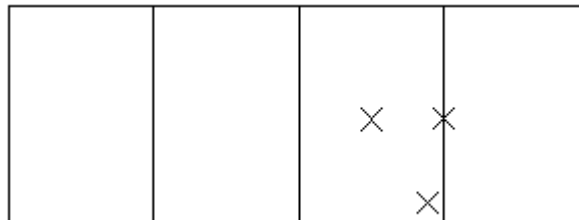
## DOOR QUESTIONS:

**DO1: (Q13:) How many panels for sliding glass doors are required to be tested?**

A: If you want your approval to read "Approved for 3 panels or less", then test 3 panels and if testing for impact, aim the projectile where specified below.



If you want your approval to read "Approved for 4 panels or more", then test 4 panels, and if testing for impact, aim the projectile where specified below.



**DO2: (Q26:) What requirements do roof access doors have at this time?**

A: No product approvals at this time. Most are steel doors with metal latch.

**DO3: (Q62:) When testing doors, how is hardware going to be treated?**

A: The same principal as anchors will apply. You may qualify up to three different hardware systems for one product's testing. Component approvals are encouraged so that multiple hardware approvals may be received for one product while only testing three.

**DO4: (Q63:) Do I have to test all the sizes of doors that I manufacture?**

A: No. By testing the largest door, you can get approval for all smaller doors of the same type for the same maximum tested pressure.

**DO5: (Q63:) If I have a door line that varies only in the size of glazing infill, do I have to test all the different styles?**

A: No. You may just test the largest door with the largest glazing infill, and get approval for equivalent and smaller doors with proportionally equivalent or smaller glazing infills.

**DO6: (Q64:) If I test a double door application, can I get approval for a single door application without testing the single door?**

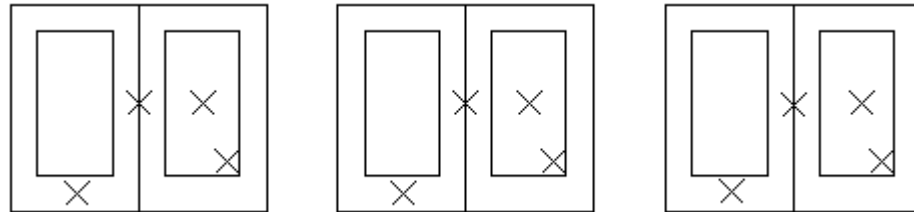
A: Yes, provided the double door system consisted of an inactive door leaf.

**DO7: (Q65:) Do door applications with side-lites and transoms have to be tested with both in place?**

A: If that is what you want approval for, yes.

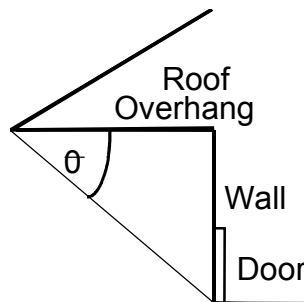
**DO8: (Q73:) Where do double swinging glazed doors have to be impacted?**

A: For double swinging glazed doors the following impact diagram applies.



**DO9: (Q80:) Is the water test required for entrance doors that have flat sills?**

A: The water test on this particular product is only required when the roof's overhang is shorter than the height of the wall where the door is located. (If angle theta is greater than 45° then the water test is required on doors with flat sills.) This also applies to residential applications.



**DO10: (Q97:) How many times must a door that has glazing be impacted?**

A: Referencing the ordinance, section 2315.1 (e)(2)(aa) states that two impacts shall be to the glass and two other impacts through the thinnest section of the assembly which is not glass shall be performed.

**DO11: (Q107:) What is the system of three (3) swinging panel doors that may be tested in order to receive approval for the most combinations?**

A: By testing the OXX configuration, we can accept O, X, OO, XX, XO, OOO, OXX, OOX, OXO.

**DO12: What is the system of four (4) swinging panel doors that may be tested in order to receive approval for the most combinations?**

A: By testing one (1) unit in an OXXX configuration and two (2) units in an XX configuration, all to the same design pressure and same panel size, we can accept all possible four or less panel configurations. When testing PA202 on the OXXX specimen place additional deflection gauges at mid-span of each of the two mulls; the first between the active and fixed panels, and the other at the right active-active panels. If comparative analysis is performed, the analysis must also address the mullion. Note that impact resistant units



are also to be impacted at mid span of the mull, and are further limited by maximum cyclic pressure.